UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

May 26, 2006

LOWE HAUPTMAN GILMAN & BERNER, LLP
1700 DIAGNOSTIC ROAD, SUITE 300
ALEXANDRIA, VA 22314
US

Dear Sir/Madam,

Your refund request for 10531081 in the amount of $1,060.00 has been denied .

The applicant provide the same preliminary amendment on 10/31/05 and 4/08/06. Fee are proper.

Sincerely,

RITA WHITE
PCT - National
703 308-9140 x231

Docket No.: 4590-388

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Nicolas BERTHOU

U.S. Patent Application No. 10/531,081

Filed: April 8, 2005

For: AIRCRAFT INSTRUMENT PANEL

Confirmation No.

Group Art Unit:

Examiner:

**REQUEST FOR REFUND**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

A refund in the amount of $1060.00 is requested for the following reason:

- No extra claims fees are necessary. The preliminary amendment deleting the multiple dependency claims was filed on April 8, 2005 and resubmitted again with a copy of the post card on October 31, 2005.

Please immediately credit Deposit Account No.: 07-1337 in this amount.

Respectfully submitted,

LOWE HAUPTMAN & BERNER, LLP

Kenneth M. Berner

Kenneth M. Berner
Registration No. 37,093

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Alexandria, Virginia 22314
Telephone: (703) 684-1111 KMB/iyr
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**DATE: December 21, 2005**

CERTIFICATION OF FACSIMILE TRANSMISSION
I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE ON THE DATE SHOWN BELOW

Iryna Kirshenko
TYPE OR PRINT NAME OF PERSON SIGNING CERTIFICATION

SIGNATURE

12/21/05
DATE

571-273-6500
FACSIMILE NUMBER

# PATENT APPLICATION FEE DETERMINATION RECORD
Effective December 8, 2004

Application or Docket Number: 4590-388

## CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) | SMALL ENTITY TYPE ☐ OR OTHER THAN SMALL ENTITY | RATE | FEE | OR | RATE | FEE |
|---|---|---|---|---|---|---|---|---|
| U.S. NATIONAL STAGE FEES | | | | | | | | |
| BASIC FEE | SMALL ENT. = $ 150 | LARGE ENT. = $ 300 | | BASIC FEE | | OR | BASIC FEE | 300 |
| EXAMINATION FEE | Satisfies PCT Article 33(1)-(4) = $ 50 / $ 100 | All other situations = $ 100 / $ 200 | | EXAM. FEE | | | EXAM. FEE | 200 |
| SEARCH FEE | U.S. is ISA = $ 507 $ 100 ALL other countries = $ 200 / $ 400 | All other situations = $ 250 / $ 500 | | SEARCH FEE | | | SEARCH FEE | 400 |
| FEE FOR EXTRA SPEC. PGS. | 17 minus 100 = | / 50 = | | X $ 125 = | | | X $ 250 = | |
| TOTAL CHARGEABLE CLAIMS | 34 minus 20 = * | 14 | | X $ 25 = | | OR | X $ 50 = | 700 |
| INDEPENDENT CLAIMS | minus 3 = * | | | X $ 100 = | | OR | X $ 200 = | |
| MULTIPLE DEPENDENT CLAIM PRESENT | ☐ | | | + $ 180 = | | OR | + $ 360 = | 360 |
| | | | | TOTAL | | OR | TOTAL | 1960 |

* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

4/3/06

| AMENDMENT A | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3) PRESENT EXTRA |
|---|---|---|---|---|
| Total | * | Minus | ** | = |
| Independent | * | Minus | Save | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐ | | | | |

| SMALL ENTITY RATE | ADDI-TIONAL FEE | OR | OTHER THAN SMALL ENTITY RATE | ADDI-TIONAL FEE |
|---|---|---|---|---|
| X $ 25 = | | OR | X $ 50 = | |
| X $ 100 = | | OR | X $ 200 = | |
| + $ 180 = | | OR | + $ 360 = | |
| TOTAL ADDIT. FEE | | OR | TOTAL ADDIT. FEE | |

| AMENDMENT B | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3) PRESENT EXTRA |
|---|---|---|---|---|
| Total | * | Minus | ** | = |
| Independent | * | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ☐ | | | | |

| SMALL ENTITY RATE | ADDI-TIONAL FEE | OR | OTHER THAN SMALL ENTITY RATE | ADDI-TIONAL FEE |
|---|---|---|---|---|
| X $ 25 = | | OR | X $ 50 = | |
| X $ 100 = | | OR | X $ 200 = | |
| + $ 180 = | | OR | + $ 360 = | |
| TOTAL ADDIT. FEE | | OR | TOTAL ADDIT. FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

10/531085

# MULTIPLE DEPENDENT CLAIM FEE CALCULATION SHEET

(FOR USE WITH FORM PTO-875)

SERIAL NO.

FILING DATE

APPLICANT(S)

## CLAIMS

| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | |
|---|---|---|---|---|---|---|
| | IND. | DEP. | IND. | DEP. | IND. | DEP. |
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| TOTAL IND. | | | 1 | | | |
| TOTAL DEP. | | | 33 | | | |
| TOTAL CLAIMS | | | 34 | | | |

| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | |
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| TOTAL IND. | | | | | | |
| TOTAL DEP. | | | | | | |
| TOTAL CLAIMS | | | | | | |

# U.S NATIONAL STAGE WORKSHEET (DO/EO)

U.S. APPL. NO. 10/553,108 INTERNATIONAL APPL. EP2003/050751

APPLICATION FILED BY: 20 MOS., ____ OR 30 MOS., ____ SCREENED BY

PCT International Division

INTERNATIONAL APPLICATION PAPERS IN THE APPLICATION FILE:

- ✓ International application
- ✓ Article 19 amendments
- ✓ Priority Document(s) No.___
- ___ Request Form PCT/RO/101
- ___ PCT/IB/302
- ___ PCT/IB/304
- ___ PCT/IB/306
- ___ PCT/IB/308
- ___ PCT/IB/331
- ✓ OTHER PCT/IB/_____
- ✓ PCT/IPEA/409 also 416

- ___ 409 annexes to IPER
- ✓ PCT/ISA/210 (Search report)
- ___ Search report References
- ___ Other Papers filed

*WIPO PUBLICATION*
PUBLICATION NO. WO 2004037643
PUBLICATION DATE 06 May 04
PUBLICATION LANG., German
*NOT PUBLISHED*
_____ U.S. only _____ Requested

RECEIVED FROM THE APPLICANT: (other than checked above)

- ✓ National application basic fee paid
- ✓ Express Processing Requested
- ✓ Translation of the International Application
- ___ Used the IB copy of the IA
- ✓ Description
- ✓ Claims 14
- ___ Drawings 4
- ___ Foreign Language in drawing
- ___ Article 19 Amendments
- ___ Amendment used in application
- ___ Article 34 Amendment
- ___ Amendment used in application
- ___ DNA
- ___ 1194 transaction done

- ✓ Preliminary Amendment(s) filed 08/19/05
- ___ second submission_____
- ✓ Information Disclosure Statement 08/19/05
- ___ second submission_____
- ✓ Assignment
- ✓ Forward to Assignment Branch
- ___ Substitute Specification_____
- ___ Small Entity Statement _____
- type _____
- ✓ Oath/Declaration (date submitted_____)
- ✓ Not executed
- ✓ Executed
- ✓ Power of Attorney
- ___ Change of Address

35 USC Receipt of Request (PTO – 1399 Transmittal Letter) 08/19/05
Date Acceptable oath/declaration received 3/10/05
102(e) Date
Date complete 35 USC 371 requirements met

DATE NOTICE COMPLETED

DO/EO 903 Notice of Acceptance 2/06/06
DO/EO 905 Notice of Missing Requirements 8/23/05
DO/EO 917 Notice of A defective oath or declaration
DO/EO 916 Notice of defective response
DO/EO 913 Notice of defective translation
DO/EO 909 Notifiication of Abandonment

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended): An aircraft instrument panel , comprising ~~on the one hand at least one~~ a main display system ~~(50, 60)~~ for horizon and necessary piloting parameters, and on the other hand an item of automatic pilot control equipment [[(80)]], which comprises manual piloting set point control buttons ~~(103, 105, 107, 109)~~ and finally an item of standby display equipment [[(80')]] allowing the display, independently of the main display system, of integrated standby data including a standby horizon, ~~characterized in that~~

wherein the automatic pilot control equipment and the standby display equipment are two identical items of equipment from the hardware point of view and the software point of view and each comprises a display screen capable of displaying the integrated standby data, and in that the two items of equipment have at least two operating modes, one of the modes being an integrated standby data display mode and the other being a mode of displaying the automatic pilot set points given by the pilot, the items of equipment each operating in a different mode in normal operating conditions.

2. (currently amended): The instrument panel as claimed in claim 1, ~~characterized in that~~ wherein the set point control buttons are active on the equipment that is in piloting set point display mode and inactive as control buttons for set point adjustment on the equipment that is in standby data display mode.

3. (currently amended): The instrument panel as claimed in ~~either one of~~ claim[[s]] 1 ~~and 2, characterized in that~~ wherein the control buttons of the item of equipment that is in piloting set point display mode allow the establishment of set point adjustment signals that are also transmitted to the other item of equipment, which also processes these signals without however displaying the set points.

4. (currently amended): The instrument panel as claimed in ~~one of~~ claim[[s]] 1 ~~to 3~~, ~~characterized in that~~ wherein each of the two items of equipment comprises a switchover control button ~~(81, 81')~~ which is used to invert the operating modes of the two items of equipment.

5. (currently amended): The instrument panel as claimed in ~~one of~~ claim[[s]] 1 ~~to 5~~, ~~characterized in that~~ wherein means are provided, in the event of the failure of one of the two items of equipment, for switching the other item of equipment to automatic pilot set point display mode if it is not already in that mode.

6. (currently amended): The instrument panel as claimed in ~~one of~~ claim[[s]] 1 ~~to 5~~, ~~characterized in that~~ wherein the items of equipment comprise a control button ~~(110, 110')~~ distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.

7. (currently amended): An integrated item of standby equipment intended to be mounted on an instrument panel as claimed in one of the preceding claims, ~~characterized in that~~ whercin it ~~comprises~~ comprising both the hardware and software capable of displaying on a single display screen either standby data, including a standby horizon, when the equipment is operating in a standby data display mode, or automatic pilot set points when the equipment is operating in a piloting set point display mode, the equipment being provided with piloting set point adjustment buttons.

8. (currently amended): The equipment as claimed in claim 7, ~~characterized in that~~ wherein it ~~comprises~~ comprising an atmospheric pressure reset button [[(110)]], active when the equipment is in standby data display mode.

9. (currently amended): The equipment as claimed in claim 8, ~~characterized in that~~ wherein the equipment has a mode switchover button [[(81)]], active for inverting the equipment

operating mode and capable of sending a mode inversion signal to another identical item of equipment of the same instrument panel.

10. (new): The instrument panel as claimed in claim 2, wherein the control buttons of the item of equipment that is in piloting set point display mode allow the establishment of set point adjustment signals that are also transmitted to the other item of equipment, which also processes these signals without however displaying the set points.

11. (new): The instrument panel as claimed in claim 2, wherein each of the two items of equipment comprises a switchover control button which is used to invert the operating modes of the two items of equipment.

12. (new): The instrument panel as claimed in claim 3, wherein each of the two items of equipment comprises a switchover control button which is used to invert the operating modes of the two items of equipment.

13. (new): The instrument panel as claimed in claim 2, wherein means are provided, in the event of the failure of one of the two items of equipment, for switching the other item of equipment to automatic pilot set point display mode if it is not already in that mode.

14. (new): The instrument panel as claimed in claim 3, wherein means are provided, in the event of the failure of one of the two items of equipment, for switching the other item of equipment to automatic pilot set point display mode if it is not already in that mode.

15. (new): The instrument panel as claimed in claim 4, wherein means are provided, in the event of the failure of one of the two items of equipment, for switching the other item of equipment to automatic pilot set point display mode if it is not already in that mode.

16. (new): The instrument panel as claimed in claim 2, wherein the items of equipment comprise a control button distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.

17. (new): The instrument panel as claimed in claim 3, wherein the items of equipment comprise a control button distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.

18 (new): The instrument panel as claimed in claim 4, wherein the items of equipment comprise a control button distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.

19. (new): The instrument panel as claimed in claim 5, wherein the items of equipment comprise a control button distinct from the piloting set point adjustment buttons, for resetting the atmospheric pressure for the purpose of an altitude computation, this button being active for the resetting of pressure only when the equipment is in standby data display mode.